## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

| In re Pat  | ent A                    | pplica           | ation of:  |   |  |  |
|--|--------------------------|------------------|--|---|--|--|
| Hiroshi C  | ogiw                     | 'ARA,            | et al.   |   |  |  |
| Applicati  | on No                    | o.:              |  | Group Art Unit:   |  |  |
| Filed: N   | ovem                     | ber 3            | , 2003   | Examiner:   |  |  |
| For: C   | PTIC                     | AL A             | MPLIFYING APPARATUS  |   |  |  |
|  |                          |                  | INFORMATION DISCLOS  | SURE STATEMENT  |  |  |
| Commiss<br>PO Box<br>Alexandr  | 1450                     |                  | Patents<br>13-1450   |   |  |  |
| Sir:   |                          |                  |  |   |  |  |
| provided<br>the subje  | certa<br>ect U.          | ain inf<br>S. pa | ormation which the Examiner ma   | ovisions of 37 CFR § 1.56, there is hereby ay consider material to the examination of that the Examiner make this information of the subject application.   |  |  |
| 1  | •                        | Encl             | osures accompanying this Inforr  | mation Disclosure Statement are:  |  |  |
|  | 1a.<br>1b.<br>1c.<br>1d. |                  | application or a PCT Internation<br>English language translation (c<br>each non-English language pul<br>Explanations of Relevancy of F | omplete or relevant portion(s)) attached to   |  |  |
| 2. In accordance with 37 CFR § 1.98, a concise explanation of what is presently understood to be the relevance of each non-English language publication is |                          |                  |  |   |  |  |
|  | 2a.                      |                  | enclosed "English-language ve<br>indicates the degree of relevan<br>609, Minimum Requirements for                                      | s 2a, 2b, 2c and/or 2d) sh language publications were cited on the rsion of the search report or action which ce found by the foreign office". (See MPEP or an Information Disclosure Statement, Part elevance, pp. 600-100 to 600-101, Rev. 1, |  |  |
|  | 2b.                      |                  | set forth in the application.  |   |  |  |

2c. □ satisfied because an English language translation (complete or relevant portion(s)) is attached to each non-English language publication. 2d. enclosed as Attachment 1(e), hereto. 3. No admission is made that the information cited in this Statement is, or is considered to be, material to patentability nor a representation that a search has been made (other than search report(s) from a counterpart foreign application or a PCT International Search Report, if submitted herewith). 37 CFR §§ 1.97(g) and (h). Respectfully submitted, STAAS & HALSEY LLP Dated: November 3, 2003 By: 1201 New York Ave., N.W., Suite 700 Paul I. Kravetz Washington, D.C. 20005 Registration No. 35,230 Telephone: (202) 434-1500

Facsimile: (202) 434-1501

FORM PTO-1449

# U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE

| ATTORNEY DOCKET NO. 1075.1235 | APPLICATION NO. |  |  |  |  |
|-------------------------------|-----------------|--|--|--|--|
| FIRST NAMED INVENTOR          |                 |  |  |  |  |
| Hiroshi OGIWARA, et al.       |                 |  |  |  |  |
|                               |                 |  |  |  |  |

### LIST OF REFERENCES CITED BY APPLICANT

(Use several sheets if necessary)

Hiroshi OGIWARA, et al.

FILING DATE

November 3, 2003

#### **U.S. PATENT DOCUMENTS**

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| EXAMINER<br>INITIAL |    | DOCUMENT<br>NO. | DATE | NAME                | CLASS | SUB-<br>CLASS | FILING<br>DATE |
|                     | AA |                 |      |                     |       |               |                |
| ,                   | AB |                 |      |                     |       |               |                |
|                     | AC |                 |      |                     |       |               |                |
|                     | AD |                 |      |                     |       |               |                |
|                     | AE |                 |      |                     |       |               |                |
|                     | AF |                 |      |                     |       |               |                |

#### **FOREIGN PATENT DOCUMENTS**

| TOKEION FATENT DOCUMENTO |    |                 |         |         |       |               |                       |
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|                          |    | DOCUMENT<br>NO. | DATE    | COUNTRY | CLASS | SUB-<br>CLASS | TRANSLATION<br>YES NO |
|                          | AG | 2001-117126     | 4/27/01 | Japan   |       |               | Abstract              |
|                          | AH |                 |         |         |       |               |                       |
|                          | Al |                 |         |         |       |               |                       |
| ,                        | AJ |                 |         |         |       |               |                       |
|                          | AK |                 |         | ·       |       |               |                       |
|                          | AL |                 |         |         |       |               |                       |

OTHER REFERENCES (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)

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EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

DATE CONSIDERED